

- S26: (569) (wrench or socket or tool) WITH (jaws or claws or clips) and handle
- S27: (332) (wrench or socket or tool) WITH (jaws or claws or clips) and handle and spring
- S28: (564) (wrench or socket or tool) WITH (jaws or claws or clips) SAME handle SAME spring
- S29: (13) Backward citation search 10
- S30: (9) Forward citation search 12
- S31: (7) Backward citation search 11
- S32: (16) Forward citation search 13
- S33: (17) Backward citation search 12
- S34: (17) Backward citation search 13
- S35: (4) Forward citation search 14
- S36: (117) Backward citation search 14
- S37: (31) Backward citation search 15
- S38: (12) Backward citation search 16
- S39: (30) Forward citation search 15
- S40: (30) Forward citation search 16
- S41: (24) Forward citation search 17
- S42: (6) Forward citation search 18
- S43: (8) Backward citation search 17
- S44: (2) Forward citation search 19
- S45: (105) (wrench or socket or tool) SAME (jaws or claws or clips) SAME handle SAME square

• Favorites

84 Tagged (30)

Patent Number	Issue Date	Year	Title	Serial Number	Examiner	Attorneys	Priority Date	Assignee	USPC
US 5603543 A	19970212	7	Handling device	294/11	294/19.1	Ratte, Jean-Claude			U
US 4962682 A	199001016	7	wrench extension and socket coupler	81/177.95	81/177.1	Rose, Stephen F. et al.			U
US 4004476 A	19770125	4	socket wrench extension grip	81/177.2	16/431, 16/DIG.12, 81/177.85	Devrou, Kenneth L.			U
US 3798169 A	19740129	3	BOX WRENCH	81/124.6		Nakayama, Eiji			U
US 3171386 A	19650302	4	Animal grapple device	119/806	294/19.1	DE RONDE JOHN			U
US 3048139 A	19620307	4	Boat hook and docker	114/221R	294/17, 294/19.1, 81/DIG.8	BUCKETT JOHN W.			U
US 3039335 A	19620619	4	Handle with selectively usable wrench heads attached	81/177.2		HANSON HARRIS G.			U
US 2667375 A	19540126	3	Irrigation tube lifter	294/19.1	294/52	CARDINAL ALPHONSE G.			U
US 2649824 A	19550825	3	wrench head with coaxial jaw pivot and handle conn	81/99	81/177.85, 81/58.4	MAXWELL WILLARD A.			U
US 1408444 A	19220307	3	Wrench [TEXT AVAILABLE IN USCCP DATABASE]	81/119		HARRY COLLINS NORMAN			U
US 1345027 A	19220629	3	detachable device for operating mining-wrenches	81/484	294/19.1, 81/119	RIFFE AUGUST B.			U

↗ S22: (2) ("5333821").PN.
 ↗ S23: (7446) (wrench or socket) SAME (jaws or claws or clips)
 ↗ S24: (24557) (wrench or socket or tool) SAME (jaws or claws or clips)
 ↗ S25: (7991) (wrench or socket or tool) SAME (jaws or claws or clips) and handle
 ↗ S26: (5698) (wrench or socket or tool) WITH (jaws or claws or clips) and handle
 ↗ S27: (3326) (wrench or socket or tool) WITH (jaws or claws or clips) and handle and spring
 ↗ S28: (564) (wrench or socket or tool) WITH (jaws or claws or clips) SAME handle SAME spring
 ↗ S29: (13) Backward citation search 10
 ↗ S30: (9) Forward citation search 12
 ↗ S31: (7) Backward citation search 11
 ↗ S32: (16) Forward citation search 13
 ↗ S33: (17) Backward citation search 12
 ↗ S34: (17) Backward citation search 13
 ↗ S35: (4) Forward citation search 14
 ↗ S36: (117) Backward citation search 14
 ↗ S37: (31) Backward citation search 15
 ↗ S38: (12) Backward citation search 16
 ↗ S39: (30) Forward citation search 15
 ↗ S40: (30) Forward citation search 16
 ↗ S41: (24) Forward citation search 17
 ↗ S42: (6) Forward citation search 18
 ↗ S43: (6) Backward citation search 17

Document ID	Publication Date	Title	Number of Citations	Number of References	Inventor	Patent Type
1. F US 5603543 A 19970218 7		Handling device	294/11	234/13.1	Ratte, Jean-Claude	P C C C C C C
2. F US 4962682 A 19901016 7		Wrench extension and socket coupler	81/177.95	81/177.1	Rose, Stephen T. et al.	P C P P P P P
3. F US 4094476 A 19770125 4		Socket wrench extension grip	81/177.2	16/431, 16/DIG.12,	Devrou, Kenneth L.	P C P C C C C
4. F US 3788169 A 19740129 3		BOX WRENCH	81/124.6	81/177.85	Nakayama, Eiji	P C P C C C C
5. F US 31711386 A 19650302 4		Animal grapple device [TEXT AVAILABLE IN USOCR]	119/806	234/13.1	DE RONDE JOHN	P C P P P P P
6. F US 3548139 A 19520307 4		Boat hook and docker [TEXT AVAILABLE IN USOCR]	114/221R	234/17,	DUCKETT JOHN W.	P C P C C C C
7. F US 3639339 A 19620619 4		Handle with selectively usable wrench heads attached [TEXT AVAILABLE IN USOCR]	81/177.2	234/19.1, 81/315.8	HANSON HARRIS G	P C P P P P P
8. F US 2667375 A 19540126 3		Irrigation tube lifter [TEXT AVAILABLE IN USOCR]	294/15.1	234/52	CARDINAL ALPHONSE G	P C C C C C C
9. F US 2649824 A 19530825 3		Wrench head with coaxial law pivot and handle conn. [TEXT AVAILABLE IN USOCR DATABASE]	81/99	81/177.85, 81/58.4,	MAXWELL WILLARD A	P C P C C C C
10. F US 1408444 A 19220307 3		Wrench [TEXT AVAILABLE IN USOCR DATABASE]	81/119		HARRY COLLINS NORRIS	P C P P P P P
11. F US 1345027 A 19200629 3		Detachable device for operating mining winches	81/484	234/13.1, 81/110	RIPPE AUGUST B	P C C C C C C